

CLAIMS

1) Machine for carrying out quick tests of colour fastness on textile materials, comprising a plate (1) on which a sample of the material under test is to be located, and means (2; 7; 72) to compress the said sample and multifibre witness or fabric standard (4) on said plate (1), characterized in that the said plate (1) comprises a plurality of through holes (12) associated with means (5) for injecting one or more liquids therethrough.

2) Machine according to claim 1 characterized in that the said holes (12) are lined up along a central line (t-t) of said plate (1) and are equidistant to each other.

3) Machine according to one or more preceding claims characterized in that the distance (d) between said holes (12) corresponds to the centre distance between the strips (40-45) of a multifibre witness or fabric standard to be used in association with the sample of material under test.

4) Machine according to one or more preceding claims characterized in that the said plate (1) exhibits a

plurality of holes (13) for discharging liquids located laterally to said injection holes (12).

5) Machine according to one or more preceding claims characterized in that the said discharge holes (13) are lined up along two separate rows.

6) Machine according to one or more preceding claims characterized in that each injection hole (12) is a channel-shaped groove (16) which also includes two corresponding lateral discharge holes (13).

7) Machine according to claim 5 characterized in that each row of discharge holes (13) is in correspondence of a channel-shaped groove (14).

8) Machine according to one or more preceding claims characterized in that the said means for compressing the said sample and multifibre witness (4) comprise a plate (2) associated with a vertical actuator (3).

9) Machine according to one or more claims 1 to 7 characterized in that the said means for compressing the said sample and multifibre witness (4) comprise a roller (7) associated with a with a vertical actuator (3) and a horizontal actuator (71).

10) Machine according to one or more claims 1 to 7 characterized in that the said means for compressing

the said sample and multifibre witness (4) comprise a skid (72) associated with a vertical actuator (3) and a horizontal actuator (71).

11) Machine according to one or more claims 1 to 7 characterized in that the said means for compressing the said sample and multifibre witness (4) comprise a rotary disk (73) associated with a vertical actuator (3) and a horizontal actuator (71).

12) Machine according to one or more preceding claims characterized in that the said plates (1, 2) are of square or rectangular shape.

13) Machine according to one or more preceding claims characterized in that the said plates (1, 2) are able to be heated and the operating temperature thereof can be controlled by relevant sensors.

14) Process for carrying out quick tests of colour fastness on textile materials, comprising a step for positioning a sample of material to be tested onto a support (1), characterized in that it further includes a step for the injection of one or more liquids through said support (1), said injection being operated through a plurality of holes (12) of support (1).

15) Process according to claim 14 characterized in that it includes the positioning of a multifibre witness (4) on said support (1) in association with the sample of material to be tested.

16) Process according to claim 14 characterized in that all the strips of said multifibre witness (4) result interested by said injection of one or more liquids delivered through said support (1).